E N V I R O L O G I C
TECHNOLOGIES, INC.

HEALTH & SAFETY PLAN

FOR

ENVIROLOGIC TECHNOLOGIES

AT

FORMER SUTTON TOOL SITE
306 MAGNOLIA
STURGIS, MICHIGAN

March 8, 2008

Prepared by:

Envirologic Technologies, Inc.
2960 Interstate Parkway
Kalamazoo, Michigan 49048
(269) 342-1100

E N V I R O L O G I C
TECHNOLOGIES, INC.

HEALTH and SAFETY PLAN
FORMER SUTTON TOOL SITE
306 MAGNOLIA STREET
STURGIS, MICHIGAN

SITE DESCRIPTION

Estimated Start Date: March 12, 2008
Estimated End Date: March 14, 2008
Location: Former Sutton Tool Property, 306 Magnolia, Sturgis, MI

Site History: The property was initially developed for industrial operations in 1940. The site has operated as a machine shop since that time. In 2004, the property was acquired by the City of Sturgis and subsequently Americraft Carton. The building was razed and the property is currently vacant.

Specific environmental concerns at the site include evidence that drums were stored outdoors, heat treating operations using salt/cyanide baths, and the general industrial nature of the property.

Operations Area: Entire Property
Response Activity: General Phase II Activities (i.e., installation of soil borings, collect soil samples, GW sampling)
Potential Hazards: Contaminated soil and groundwater contact, mechanical hazards, underground utilities, vehicle traffic, slip/trip, and noise level.

Level of Protection Required: Level D (steel toe work boots, rubber boots, disposable protective gloves, hard hats, safety glasses, dust respirators, and hearing protection if necessary). Level C protection (air purifying respirators, hooded chemical resistant clothing, and the protective equipment of Level D) will be on-site if a temporary Level C condition occurs while drilling or sampling. Level C conditions will be observed only during evacuation of the immediate area of concern in the event of an unexpected incident.
Adjacent Properties: Industrial
Surrounding Population: City of Sturgis general population
Phone Access: Cell phones are provided to the team leaders

SCOPE OF WORK

1. Soil and Groundwater Characterization

   The objective is to collect soil and groundwater samples from hollow stem auger borings in order to characterize site conditions.

PERSONNEL ORGANIZATION & COORDINATION

Envirologic Technologies, Inc.: (269) 342-1100

The following personnel are designated to carry out the stated job function(s):

Project Manager – David Stegink: Responsible to the employer, and has complete authority over the project, from start-up to completion. Any changes in the work plan must be authorized by the Project Manager.

Team Leader – Bob Webster: Responsible to the Project Leader and Project Manager, has the authority to implement the work plan and direct procedures as described by the Project Manager.

Site Safety Manager – Bob Webster: Responsible to the employer, and has the authority and knowledge to implement the site safety and health plan, and verify compliance with applicable safety and health requirements.

Drilling Rig Operator – David Amos (West Michigan Drilling): Responsible to the Field Services Manager, has complete control over drilling equipment on-site and the responsibility to assist the Team Leader in carrying out the work plan.

Safety Manager - David Stegink: Responsible to the employer, and has the authority and knowledge to implement the corporate and site safety and health plans, and to verify compliance with applicable safety and health requirements.

Recordkeeper – Bob Webster: Responsible to the Project Manager, and has the responsibility to maintain all required records pertaining to the project.

Client Contact: Ms. Cathy Annis – St. Joseph County EDC

State Agency Representatives: None established or required

Local Agency Representatives: None established or required

Note: All personnel arriving or departing the site will log in and out with the Recordkeeper. All activities on-site must be cleared with the Project Manager.

The field crew will be briefed on the contents of this plan at the site.

CHEMICALS OF CONCERN

Table 1 depicts the chemicals that may be encountered, their respective exposure limits, and their basic chemical and physical properties. The site worker will have a copy of the *NIOSH Pocket Guide to Chemical Hazards* to be utilized to obtain further information concerning the chemicals:

TABLE 1

CHEMICAL	IDLH	TWA	STEL	LEL	UEL	Flash point	NIOSH
METALS							
Cadmium	Ca [9 mg/m^3	0.005 mg/m^3		n/a	n/a	n/a	45
Chromium (total)	250 mg/m^3	0.5 mg/m^3		n/a	n/a	n/a	72
Chromium (+6)	**No listing**						-
Lead	100 mg/m^3	0.050 mg/m^3		n/a	n/a	n/a	185
PNAS							
Anthracene - coal pitch volatiles	Ca [80 mg/m^3]	0.1 mg/m^3		n/a	n/a	n/a	74
Chrysene {coal tar pitch volatiles}	Ca [80 mg/m^3]	0.1 mg/m^3		n/a	n/a	n/a	74
Naphthalene	250 ppm	10 ppm (50 mg/m^3)	15 ppm (75 mg/m^3)	0.9%	5.9%	174° F	221
VOCs							
Acetone	2500 ppm [10%LEL]	250 ppm (590 mg/m^3)		2.5%	12.8%	0° F	3
Acrylonitrite	Ca [85 ppm]	1 ppm		3.0%	17%	30° F	8
Benzene	Ca [500 ppm]	0.1 ppm	1 ppm	1.2%	7.8%	12° F	26
Bromochloromethane (*chlorobromomethane)*	2000 ppm	200 ppm (1050 mg/m^3)		N/A	n/a	n/a	63
Bromodichloromethane	**No listing**						-
Bromoform	850 ppm	0.5 ppm (5 mg/m^3)		n/a	n/a	n/a	34
Bromomethane *(methyl bromide)*	Ca [250 ppm]			10%	16.0%	NA (Gas)	201
2-Butanone	3000 ppm	200 ppm (590 mg/m^3)	300 ppm (885 mg/m^3)	1.4%	(200°F): 11.4%	16° F	36
Carbon disulfide	500 ppm	1 ppm (3 mg/m^3)	10 ppm (30 mg/m^3) [skin]	1.3%	50.0%	-22° f	53
Carbon tetrachloride	Ca [200 ppm]		2 ppm	N/A	N/A	N/A	55
Chlorobenzene	1000 ppm	OSHA PEL 75 ppm (350 mg/m^3) See App. D		1.3%	9.6%	82° f	62
Chloroethane *(ethyl chloride)*	3800 ppm [10%LEL]	OSHA PEL 1000ppm (See App. C)		3.8%	15.4%	NA (Gas) -58°F (Liquid)	135
Chloroform	Ca [500 ppm]	Ca	2 ppm	n/a	n/a	n/a	65
Chloromethane (*methyl chloride)*	Ca [2000 ppm]	Ca		8.1%	17.4%	n/a (gas)	203
1,2 dichloroethylene	1000 ppm	200 ppm (790/mg/m^3)	-	5.6%	12.8%	36-39° F	99
Cis-1,3-Dichloropropene *(1,3-Dichloropropene)*	Ca [N.D.]	Ca TWA 1 ppm (5 mg/m^3) [skin]		5.3%	14.5%	77°	101
Dibromochloromethane	**No listing**						-

1,2-Dibromo-3-chloropropane	Ca [N.D.]	Ca		?	?	170° F	93
Dibromomethane *(ethylene dibromide)*	Ca [100 ppm]	Ca TWA 0-045 ppm		n/a	n/a		136
1,2-Dichlorobenzene *(o-Dicholorobenzene)*	200 ppm	C 50 ppm (300 mg/m^3)		2.2%	9.2%	151° F	96
1,3-Dichlorobenzene	**No listing**						-
1,4-Dichlorobenzene *(p-Dichlorobenzene)*	Ca [150 ppm]	Ca OSHA PEL 75 ppm (450 mg/m^3)		2.5%	?	150° F	97
Dichlorodifluoromethane	15,000 ppm	1000 ppm (4950 mg/m^3)		n/a	n/a	n/a	98
Trans-1,4-Dichloro-2-butene	**No listing**						-
1,1-Dichlorethane	3000 ppm	100 ppm		5.4%	11.4%	2° F	99
1,2-Dichlorethane *(ethylene dichloride)*	Ca [50 ppm]	Ca 1 ppm (4 mg/m^3)	2 ppm	6.2%	16%	56° F	137
1,1-Dichloroethene (*vinylidene chloride)*	Ca [N.D.]	Ca		6.5%	15.5%	-2° F	332
Trans-1,2-Dichloroethene	**No listing**						-
1,2-Dichloropropane (*propylene dichloride)*	Ca [400 ppm]	Ca OSHA PEL 75 ppm (350 mg/m^3)		3.4%	14.5%	60° F	268
1,3-Dichloropropene (cis & trans)	Ca [N.D.]	Ca 1 ppm (5 mg/m^3) [skin]		5.3%	14.5%	77° F	101
Diethyl ether (*ethyl ether*)	1900 ppm [10%LEL]	OSHA PEL 400 ppm (1200 mg/m^3) (see App. D)		1.9%	36.0%	-49° F	140
Ethyl benzene	800 ppm [10%LEL]	100 ppm (435 mg/m^3)	125 ppm (545 mg/m^3)	0.8%	6.7%	55° F	133
Ethylene dibromide	Ca [100 ppm]	Ca 0.045 ppm		n/a	n/a	n/a	136
Hexachloroethane	Ca [300 ppm]	Ca 1 ppm (10 mg/m^3) [skin]		n/a	n/a	n/a	159
2-Hexanone	1600 ppm	1 ppm (4 mg/m^3)		?	8%	77° F	164
Isopropyl benzene *(cumene)*	900 ppm [10%LEL]	50 ppm (245 mg/m^3) [skin]		0.9%	6.5%	96° F	81
Methyl iodide	Ca [100 ppm]	Ca 2 ppm (10 mg/m^3) [skin]		n/a	n/a	n/a	211
4-Methyl-2-pentanone *{Hexone}*	500 ppm	50 ppm (205 mg/m^3)	75 ppm (300 mg/m^3)	1.2%	8.0%	64° F	164
Methyl 1-butyl ether (MTBE)	**No listing**						-
Methylene chloride	2300 ppm	Ca OSHA PEL 25 ppm	125 ppm	13%	23%	?	208
N-Propylbenzene	**No listing**						-
Styrene	700 ppm	50 ppm (215 mg/m^3)	100 ppm (425 mg/m^3)	0.9%	6.8%	88° F	287
Tetrachloroethene	Ca [150 ppm]	Ca 100 ppm		n/a	n/a	n/a	301-
1,1,1,2-Tetrachloroethane	N.D.	See Appendix C		?	?	?	300
1,1,2,2-Tetrachloroethane	Ca [100 ppm]	Ca 1 ppm (7 mg/m^3) [skin]		n/a	n/a	n/a	300
Toluene	500 ppm	100 ppm (375 mg/m^3)	150 ppm (560 mg/m^3)	1.1%	7.1%	40° F	311
Trichloroethene *{trichloroethylene}*	Ca [1000 ppm]	Ca OSHA PEL100 ppm		8%	10.5%	?	316
1,2,4-Trichlorobenzene	N.D.	C 5 ppm (40 mg/m^3)		302°F): 2.5%	(302°F): 6.6%	222° F	315
1,1,1-Trichloroethane *{methyl chloroform}*	700 ppm	C 350 ppm (1900 mg/m^3)		7.5%	12.5%	?	203
1,1,2-Trichloroethane	Ca [100 ppm]	Ca 10 ppm (45 mg/m^3) [skin]		6%	15.5%	?	315

Trichlorofluoromethane *{fluorotrichloromethane}*	2000 ppm	C 1000 ppm (5600 mg/m^3)		n/a	n/a	n/a	146
1,2,3-Trichloropropane	Ca [100 ppm]	Ca 10 ppm (60 mg/m^3) [skin]		3.2%	12.6%	160° F	317
1,2,4-Trimethylbenzene	N.D.	25 ppm (125 mg/m^3)		0.9%	6.4%	112° F	320
1,3,5-Trimethylbenzene	N.D.	25 ppm (125 mg/m^3)		?	?	122° F	321
Vinyl chloride	Ca N.D.	Ca OSHA PEL 1 ppm		3.6%	33.0%	n/a	330
xylenes	900 ppm	100 ppm (435 mg/m^3)	150 ppm (655 mg/m^3)	1.1%	7.0%	81°	336

IDLH - Immediately Dangerous to Life and Health - represents the maximum concentration from which, in the event of respirator failure, one could escape within 30 minutes without a respirator and without experiencing any impairing or irreversible health effects.

TWA - Time Weighted Average - the concentration for a normal 8-hour work day of a 40-hour work week to which nearly all workers may be repeatedly exposed without adverse effect.

STEL - Short Term Exposure Limit - a 15 minute, unless otherwise noted, TWA exposure which should not be exceeded at any time during the day.

Note: Only trained and experienced personnel will be allowed to perform sampling and monitoring activities.

TASK-BY-TASK RISK ASSESSMENT

TASK DESCRIPTION

1. Soil and Groundwater Characterization
   The objective is to collect soil and groundwater samples from hollow stem auger borings in order to characterize site conditions.

PERSONAL PROTECTIVE EQUIPMENT REQUIRED

Level D Protection will be required for all personnel on-site within the work zone, (steel toe work boots, rubber boots, disposable protective gloves, hard hats, safety glasses, dust respirators and hearing protection, if necessary). Level C protection, (full-face, air purifying respirator equipped with organic vapor/particulate canisters, and Level D clothing), will be utilized as instructed by the site safety manager or at individual worker discretion.

POTENTIAL HAZARDS/RISKS

CHEMICAL: Risk Level is Low to Medium

Justification of Risk Level: None of the potential sources of contamination are directly located on the site. Personnel may be exposed to residual or dissolved contaminants. Direct contact to impacted soil and water or free product should be avoided.

PHYSICAL: Risk Level is Medium

Justification of Risk Level: Slip, trip, and fall hazards exist. Personnel should also be aware of pinch points and overhead hazards associated with the Geoprobe and hand auger in the basement. Depending on the weather, heat or cold stress may also be an issue. Areas of ponded water should be avoided and the use of water on site should be minimized so as not to create additional slip hazards.

BIOLOGICAL: Risk Level is Low

Justification of Risk Level: Exposure to dangerous plants and animals is not expected. If extensive mold is observed, the site safety manager should be notified.

RADIOLOGICAL: Risk Level is Low

Justification of Risk Level: No ionizing radiation hazards are known to exist. Non-ionizing hazards will be present in the form of sunlight. Personnel should take precautions for overexposure.

LEVELS OF PROTECTION

Level D PPE. Additional PPE may be worn to minimize the potential hazards, as needed. Air monitoring should be conducted on an hourly basis in the breathing zone of personnel that are most likely to be exposed to contaminant vapors. Air monitoring should also be conducted when odors/fumes are observed in ambient air. Air monitoring will be conducted with the use of an Organic Vapor Analyzer (OVA). Air monitoring results will be recorded in field notes of the record keeper.

SAFETY PROCEDURES REQUIRED

Follow guidance contained in the Envirologic Field Manual available on-site.

PERSONNEL PROTECTION PLAN

Engineering Controls:

Dust Control, watering if necessary.

Administrative Controls:

Personnel will attend daily safety meetings prior to initiation of work.

Personal Protective Equipment: Action levels for changing levels of protection:

PID Reading	Action Level
<1	Level D PPE continue to monitor.
>1 (in breathing zone)	Stop work and move to an upwind location, reevaluate.
	If dust is visible, then work will be halted and dust suppression activities will be conducted.

Description of Levels of Protection

Level D:

Head: Hard Hat, if necessary
Eye and Face: Safety glasses or goggles if necessary
Hearing: Ear Plugs or muffs, if necessary
Appropriate Work Uniform: Pants, insulating clothing/gear Carhardts
Hand: Appropriate chemical and/or weather resistant gloves
Body: Tyvek, if necessary
Foot: Steel Toe Boots/shoes at all times; rubber over-boots as needed.
Other: Sunscreen as needed.

CONTINGENCIES

AREA MEDICAL AND EMERGENCY FACILITIES:

Police 911
Fire..... 911
Ambulance..... 911
Poison Control..... (800) 632-2727

Closest Medical Facility: **Sturgis Hospital**
916 Myrtle St.
Sturgis, MI
(269) 651-7824

For Map to Hospital, see Appendix A.

Emergency Alert Procedures

If evacuation is necessary, three long blasts are to be sounded with the vehicle horn. This signal indicates that immediate evacuation of all persons on-site is necessary as a result of some immediate or impending danger. Equipment operators should be advised to shut down and all personnel should evacuate to a safe area, as determined by the Geoprobe operator. This safe area should be in the predominantly **upwind** direction of the exclusion zone.

Evacuation Procedures

In the event of an emergency necessitating evacuation (such as fire, explosion, or significant release of a hazardous substance), all personnel will evacuate the immediate area or the site if necessary. Emergency service providers such as the local fire department police department and/or hospital should be contacted as soon as possible to assist in the handling of the emergency.

Evacuation Routes and Procedures

Emergency evacuation routes should be identified prior to the beginning of site activities for each area in which work is performed. This evacuation route should be communicated to all personnel and subcontractors at the pre-construction safety meeting. The evacuation area should be at least 100 feet upwind; 200 feet perpendicular to wind direction; or other area designated as safe by the Project Health and Safety Team Leader. Evacuation routes should be established to prevent isolation of personnel from other portions of the site.

CONFINED SPACE ENTRY

Confined space entry for Envirologic Technologies, Inc. personnel is anticipated to complete the scope of work. Entry into a confined space will not be permitted unless approved by the Project Manager.

DECONTAMINATION PROCEDURES

Envirologic Technologies, Inc. will provide decontamination and containment devices for wash water. Decontamination procedures by applicable personnel will be performed in the decontamination area established.

All on-site personnel shall follow these general procedures for proper personal decontamination whenever leaving the work area:

Step 1:	Deposit equipment used on-site on plastic drop cloths.
Step 2:	Scrub outer boots, outer gloves, and chemical resistant splash suits with decon solution or detergent water. Rinse off using abundant water.
Step 3:	Remove outer boots and gloves.
Step 4:	If in Level C - remove respirator. Avoid touching face with fingers.
Step 5:	Thoroughly wash hands and face. Shower as soon as possible.

All decontaminated wastes generated will be staged in steel 55-gallon drums and will be disposed of in a permitted landfill.

If sampling equipment requires decontamination the equipment will be scrubbed in a Liquinox solution and then rinsed with tap and deionized water. Drilling equipment will be decontaminated with a steam cleaner. All decontamination wastes and rinse water will be contained for proper disposal.

SPILL CONTAINMENT PLAN

In the event of a spill the following should be observed:

1. Ensure safety of personnel. Sound alarm and pull back to a safe distance up-wind, if necessary. Account for all personnel. Notify project manager.
2. Notify emergency personnel, if necessary.
3. Evaluate situation and determine the appropriate course of action. Perform containment and site control measures as needed, IF it is safe to do so.

In the event of a Fire or Explosion:

1. Ensure safety of personnel. Sound alarm and evacuate to a safe distance up-wind, if necessary. Account for all personnel. Notify project manager.
2. Notify emergency personnel, if necessary.
3. Use fire extinguisher and contain fire, IF it is safe to do so.
4. Standby to inform and direct emergency personnel of materials and conditions.

Fire extinguishers are located in the drilling rig, Geoprobe, and all field vehicles.

TRAINING ASSIGNMENTS

General site workers shall receive a minimum of 40 hours of instruction off the site, and a minimum of three days actual field experience under the direct supervision of a trained, experienced supervisor. Management and supervisors directly responsible for, or who supervise employees engaged in, hazardous waste operations shall receive 40 hours initial training, three days of supervised field experience, and at least eight additional hours of specialized training at the time of job assignment, on such topics as the safety and health program, personal protective equipment program, spill containment program, and health hazard monitoring procedures and techniques. Additionally, all applicable personnel will receive a minimum of 8 hours refresher training yearly.

All Field Staff also are certified in First Aid and Adult CPR. Applicable personnel will not be permitted to participate in or supervise remediation work activities until they have received training commensurate with their responsibilities.

PERSONNEL PROTECTIVE EQUIPMENT

Level D Protection will be required for all personnel on-site within the work zone, (steel toe work boots, rubber boots, disposable protective gloves, hard hats, safety glasses, dust respirators and hearing protection, if necessary). Level C protection, (full-face, air purifying mask equipped with organic vapor/particulate canisters, and Level D clothing), will be utilized as instructed by the site safety manager or at individual worker discretion.

PPE Use Duration

At minimum, PPE shall be changed after each work shift. All PPE shall be removed at the first sign of degradation due to chemical reaction. PPE shall be changed if it is physically damaged. Respirator cartridges shall be changed per manufacturer's requirements or breakthrough, whichever comes first.

PPE Maintenance and Storage

All PPE shall be inspected before, during and after use. Defective PPE shall be taken out of service. PPE such as respirators shall be inspected and maintained in accordance with Envirologic policy. PPE shall be stored in a clean, dry area. PPE will be stored in the work vehicles.

PPE Use and Limitations

All PPE shall be used in accordance with this HASP. PPE used for this project is NOT fire retardant and can not be used in proximity of open fires as a means of personnel protection during fire fighting activities or where the employees may contact hot equipment.

PPE Training and Fitting

A review of PPE use and limitations shall be conducted as part of the daily safety briefing. Personnel shall not be assigned to use any form of PPE without first being properly instructed in its use and having completed the training requirements of 29 CFR 1910.120.

Applicable personnel shall be certified, by a physician, as being fit and capable of utilizing and wearing respiratory protective equipment. Refer to the Medical Surveillance Requirement section.

Evaluation of PPE Program Effectiveness

The Site Safety Manager shall periodically review the effectiveness of PPE used on this project. Information from personnel, visual observations and periodic inspections shall be conducted to ensure adequacy of the PPE program.

MEDICAL SURVEILLANCE REQUIREMENTS

A medical surveillance program is required for monitoring the health status of personnel who are potentially exposed to hazardous substances and who wear respirators 30 days or more per year. Medical surveillance records of on-site personnel are maintained by the Safety Manager, and stored at:

Envirologic Technologies, Inc.
2960 Interstate Parkway
Kalamazoo, Michigan 49048

SITE CONTROL MEASURES

Standard Operating Procedures for safe work practices shall be followed at all times. Personnel on-site shall use the "buddy system" at all times. Standard Operating Procedures are found in the Field Safety Manual (orange binder) kept on-site.

Establishment of Work Zones: On-site workers will establish, at a minimum, a Restricted Zone and a Contamination Reduction Zone.

The Restricted Zone is the area where contamination is either known or expected to occur and the greatest potential for exposure exists. The Restricted Zone will include, but is not limited to: the area within a 20' radius of the Geoprobe or drill. The Restricted Zone will be delineated and clearly marked by utilizing hazard tape or placards or orange hazard cones. Access to and from the Restricted Zone will be restricted to properly trained remediation workers.

The Contamination Reduction Zone will be defined and provided by Envirologic and will include, but is not limited to the decontamination area.

RECORD KEEPING

The master copy of this Site Safety Plan is to be kept in the possession of the Site Safety Manager on-site. Applicable personnel working on the site must sign the master copy. In addition, the site safety manager shall record ambient air monitoring data used to access site conditions. Upon completion of the job, the master copy is to be filed in the project file and retained for a minimum of five years.

All personnel arriving or departing the site will log in and out with the Recordkeeper. All activities on-site must be cleared with the Project Manager. The field crew will be briefed on the contents of this plan at the work site prior to implementing the work plan.

It is also the Field Team Leader's responsibility to properly label all waste containers (barrels).

AMBIENT AIR MONITORING DATA

TIME	LOCATION	OVA READING

E N V I R O L O G I C
TECHNOLOGIES, INC.

PRE-WORK SAFETY MEETING CHECKLIST

Project Name: STJOECO Project Number: 080065B

Meeting Conducted by: _____ Date: _____

Attendees: _____

_____

CHECK (?) TOPICS COVERED DURING SAFETY MEETING

ADMINISTRATIVE

___ Location of telephone and emergency numbers
___ Smoking and eating areas
___ Fire extinguisher, eyewash, and First Aid kit on site
___ Potable water, restrooms on site, or location of nearest facilities
___ Emergency alarm signals
___ Emergency evacuation routes and location of posting
___ Hospital and route to hospital
___ Accidents/illnesses/injuries/near misses
___ Location of PHASP (including Appendices)
___ Work zones
___ Buddy system
___ Site control and/or site security
___ First Aid/CPR qualified persons on site
___ Contractor's MSDS collection labeling system and precautionary measures

PERSONAL PROTECTIVE EQUIPMENT

___ Respirator protection
___ PPE limitations

AIR MONITORING

___ Actions taken when action levels exceeded
___ Air monitoring to be conducted

DECONTAMINATION (DECON)

___ DECON area and procedures
___ Containers for contaminated materials

PHYSICAL HAZARDS ON SITE

___ Underground/overhead utilities
___ Confined space entry (permit required)
___ Excavation entry (permit required)
___ Water hazards
___ Winter hazards (e.g., ice hazards)
___ Traffic near or on site
___ Noise
___ Slip/trip hazards
___ Overhead hazards
___ Radiation (from radioactive wastes like hospital wastes, etc.)

CHEMICAL HAZARDS

___ Hazardous substances on site
___ Symptoms of overexposure
___ Fire and explosion
___ Reactive/unstable
___ Oxygen deficient atmosphere

BIOLOGICAL HAZARDS

___ Poisonous vegetation (poison ivy, poison oak)
___ Pests (snakes, rodents, bees, wasps)
___ Animals (dogs, bears)
___ Biological wastes (hospital wastes, animal wastes)

___ **OTHER**
___ Cold stress
___ Hypothermia
___ Frostbite
___ Heat stress
___ Availability of warm fluids
___ Availability of shade

NA = Not Applicable

EMPLOYEE/SUBCONTRACTOR VERIFICATION

This information has been reviewed prior to commencement of the above described activities. The following personnel were informed of the known hazards at the site and acknowledge receipt of this information:

NAME	COMPANY	DATE

APPENDIX A

Route to Hospital

MAPQUEST

A: 306 Magnolia St, Sturgis, MI 49091-2130

START	**1:** Start out going EAST on MAGNOLIA AVE toward S JEFFERSON ST.	0.2 mi
	2: Turn LEFT onto S NOTTAWA ST.	0.2 mi
	3: Turn RIGHT onto COTTAGE.	0.5 mi
	4: Turn LEFT onto S LAKEVIEW AVE.	0.1 mi
	5: Turn RIGHT onto MYRTLE ST.	0.0 mi
END	**6:** End at 916 Myrtle St Sturgis, MI 49091-2326	

Estimated Time: 3 minutes Estimated Distance: 0.9 miles

B: 916 Myrtle St, Sturgis, MI 49091-2326

Total Time: 3 minutes **Total Distance: 0.9 miles**